CS313K: Logic, Sets, and Functions

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Lecture 17 – Chap 5 (5.1, 5.2, 5.3)

Midterm 2

Midterm 2 is a week from today, 3:30 – 5:00.

It will be in WEL 2.224.

Your Name: _____ Your EID: _____
Circle Your Discussion Section:

54095:	Vinod Venkataraman	Friday, 9:00 – 10:00a	WRW 113
54100:	Vinod Venkataraman	Friday, 10:00 – 11:00a	JES A218A
54105:	Xu Wang	Friday, 10:00 – 11:00a	SZB 416
54110:	Behnam Robatmili	Friday, 12:00 – 1:00p	RLM 5.122
54115:	Behnam Robatmili	Friday, 1:00 – 2:00p	CBA 4.344
54120:	Xu Wang	Friday, 1:00 – 2:00p	JES A209A

Midterm Exam 2

CS313K Logic, Sets, and Functions – Spring, 2010

Instructions

Write your name and EID above and circle the unique ID of your discussion section! Write your answers in the space provided. There are 10 questions, worth various amounts.

You have until 5:00 pm.

You may refer to the course notes (the blue book) during the exam. You may refer to your own notes if they are on paper. No computers are allowed. No talking is allowed. No cellphones. Remove hats, baseball caps, etc.

Square brackets are sometimes used in place of parentheses to make it easier for you to see groupings. For example, I might write:

`(p ∧ [q → r]) → s`

instead of

`(p ∧ (q → r)) → s.`

The last section of the exam shows the familiar definitions for `endp`, `app`,

`true-listp`, `mem` and `rev`, for your convenience.

The best way to study for the exam is to do the problems in Section 4.10 **Practice Proofs**, pg 142–149, and Section 5.3 **Practice Proofs**, pg 157–166.

Induction *will be covered on the exam*.

I will post last year's Midterm 2 on the class home page:

`http://www.cs.utexas.edu/users/moore/classes/cs313k/`

Remember: a free tutor is listed on the home page.